



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5 : A61K 31/32, 31/22, 31/36 A61K 31/275, 31/225, 31/135 A61K 31/12, 31/075, 31/045		A1	(11) International Publication Number: WO 91/17749 (43) International Publication Date: 28 November 1991 (28.11.91)	
(21) International Application Number: PCT/US91/03130 (22) International Filing Date: 6 May 1991 (06.05.91)		(74) Agent: PAUL, Thomas, D.; Fulbright & Jaworski, 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (US).		
(30) Priority data: 525,270 17 May 1990 (17.05.90) US		(81) Designated States: AT (European patent), AU, BE (European patent), CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), GR (European patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent).		
(71) Applicant: BAYLOR COLLEGE OF MEDICINE [US/US]; One Baylor Plaza, Houston, TX 77030 (US).		<p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>		
(72) Inventors: MARKAVERICH, Barry ; 112 West Rainbow Ridge Circle, The Woodlands, TX 77381 (US). GREGORY, Rebecca ; 5807 Belrose Drive, Houston, TX 77035 (US). VARMA, Rajender, Singh ; VARMA, Manju ; 8 Spurwood Court, The Woodlands, TX 77381 (US). CLARK, James ; 5921 Jason Street, Houston, TX 77074 (US). WALDREP, John, C. ; 6 Wind Trace Court, The Woodlands, TX 77381 (US).			<p>(54) Title: GROWTH INHIBITORS AND METHODS OF TREATING CANCER AND CELL PROLIFERATIVE DISEASES</p> <p>(57) Abstract</p> <p>The present invention discloses new and useful compounds including methyl p-hydroxyphenyllactate, its analogues, chemical derivatives and chemically related compounds and their use as antitumor and immune suppressive agents, as inhibitors of proliferative cell growth and as prophylactic agents to inhibit and prevent cancer and non-malignant cell growth.</p>	